

LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

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ATTY. DOCKET NO.
030691.0008.CON1

SERIAL NO.

APPLICANT:

Buechler, et al.

FILING DATE:

October 12, 2000

GROUP:

JAN 22 2001

PATENT & TRADEMARK OFFICE

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
878	AA	4,727,019	02/23/88	Valkirs, et al.			
878	AB	5,458,852	10/17/95	Buechler, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	AC	3922873	12.07.89	Germany (Katus, et al.)			✓
	AD	0394819	18.04.90	EPO (Katus, et al.)			
878	AE	2248688	14.04.92	GB(Jackowski)		→	
	AF	4243648	23.12.92	Germany (Till, et al.)			✓
	AG	4405249	23.02.93	Germany (Larue, et al.)			
	AH	2116066	02.21.94	Canada (Larue, et al.)			
878	AI	9413774	23.06.94	WO/PCT (Powell, et al.)		→	
878	AJ	2275774	07.09.94	UK (Larue, et al.)		→	
878	AK	9427156	24.11.94	WO/PCT (Wicks, et al.)		→	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

878	AL	Adams, et al., "Comparable Detection of Acute Myocardial Infarction by Creatine Kinase MB Isoenzyme and Cardiac Troponin I," <u>Clin. Chem.</u> 40:1291-1295 (1994)
		Anderson, et al., "Troponin T Isoform Expression in Humans," <u>Circul. Res.</u> 69:1226-1233 (1991)
	AM	

EXAMINER:

Barbara A. Dabel

DATE CONSIDERED:

9/17/01

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<i>gng</i>	AN	Ball, et al., "Isoform Specific Interactions of Troponin I and Troponin C Determines pH Sensitivity of Myofibrillar Ca ²⁺ Activation," <u>Biochem.</u> 33:8464-8471 (1994)
<i>gng</i>	AO	Bhavsar, et al., "Development expression of troponin I isoforms in fetal human heart," <u>FEBS Letters</u> 292:5-8 (1991)
<i>gng</i>	AP	Bhayana, et al., "Discordance Between Results for Serum Troponin T and Troponin I in Renal Disease," <u>Clin. Chem.</u> 41:312-317 (1995)
	AQ	Blechner, et al., "4Ca ²⁺ Troponin C Forms Dimers in Solutions at Neutral pH that Dissociate upon Binding Various Peptides: Small-Angle X-ray Scatterin Studies of Peptide-Induced Structural Changes," <u>Biochem.</u> 31:11326-11334 (1992)
<i>gng</i>	AR	Bodor, et al., "Development of Monoclonal Antibodies for an Assay of Cardiac Troponin-I and Peliminary Results in Suspected Cases of Myocardial Infarction," <u>Clin. Chem.</u> 38:2203-2214 (1992)
	AS	<u>Borrebaeck, ed., Index, Antibody Engineering: A Practical Approach.</u> Oxford University Press, Oxford (1995)
<i>gng</i>	AT	Burtnick, et al., "The isolation and characterization of the tropomyosin binding component (TN-T) of bovine cardiac troponin," <u>Can. J. Biochem.</u> 54:546-553 (1976)
<i>gng</i>	AU	Byers, et al., "Hydrodynamic Properties of Bovine Cardiac Troponin-I and Troponin-T*," <u>J. Biol. Chem.</u> 258:2951-2954 (1983)
	AV	Chomczynski and Sacchi, "Single-step Method of RNA Isolation by Acid Guanidinium Thiocyanate-Phenol-Chloroform Extraction," <u>Analytical Bio</u> 162: 156-159 (1987)
<i>gng</i>	AW	Collins, et al., "Early Diagnosis of Acute Myocardial Infarction with Use of a Rapid Immunochemical Assay of Creatine Kinase MB Isoenzyme," <u>Clin. Chem.</u> 39:1725-1728 (1993)
<i>gng</i>	AX	Cummins, et al., "Cardiac Specific Troponin-I Radioimmunoassay in the Diagnosis of Acute Myocardial Infarction," <u>American Heart Journal</u> 113:1333-1344 (1987)
	AY	Glaser, et al., "Antibody Engineering by Codon-Based Mutagenesis in a Filamentous Phage Vector System," <u>J. Immunology</u> 149:3903-3913 (1992)
	AZ	<u>Harlow and Lane, Index, Antibodies, A Laboratory Manual.</u> Cold Spring Harbor Laboratory, Cold Spring Harbor, NY (1988)
<i>gng</i>	BA	Horwitz et al., "Interaction of Troponin Subunits," <u>J. Biol. Chem.</u> 254:350-355 (1979)

EXAMINER:

Susanne R. Bader

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LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S
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JAN 22 2001
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APPLICANT:

Buechler, et al.

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<i>grg</i>	BB	Huse, et al., "Application of a Filamentous Phage pVIII Fusion Protein System Suitable for Efficient Production, Screening and Mutagenesis of F9ab) Antibody Fragments," <u>J. Immunol.</u> 149:3914-3920 (1992)
	BC	Kabat, et al., <u>Sequences of Proteins of Immunological Interest – Volume II</u> , 5th edition, U.S. Department of Health and Human Services, Publish Health Service- National Institutes of Health, 1250-1312, 1350-1460 and 1571-1588 (1991)
<i>grg</i>	BD	Katus, et al., "Diagnostic Efficacy of Troponin T Measurements in Acute Myocardial Infaction," <u>Circulation</u> 83:902-912 (1991)
<i>grg</i>	BE	Katus, et al., "Intracellular Compartmentation of Cardiac Troponin T and Its Release Kinetics in Patients with Reperfused and Nonreperfused Myocardial Infarction," <u>Am. J. Cardiol.</u> 67:1360-1367 (1991)
<i>grg</i>	BF	LaRue, et al., "New Monoclonal Antibodies as Probes for Human Cardiac Troponin I: Epitopic Analysis with Synthetic Peptides," <u>Molecular Immunology</u> 29:271-278 (1992)
<i>grg</i>	BG	Leavis, et al., "Calcium Binding to Cardiac Troponin C 1,2," <u>Arch. Biochem. Biophys.</u> 186:411-415 (1978)
<i>grg</i>	BH	Liao, et al., "Coupling of Calcium to the Interaction of Troponin I with Troponin C from Cardiac Muscle," <u>Biochem.</u> 33:12729-12734 (1994)
<i>grg</i>	BI	MacGeoch, et al., "The human cardiac troponin I locus: assignment to chromosome 19p13.2-19q13.2," <u>Hum. Genet.</u> 88:101-104 (1994)
<i>grg</i>	BJ	Metzger, et al., "Skeletal troponin C reduces contractile sensitivity to acidosis in cardiac myocytes from transgenic mice," <u>Proc. Natl. Aca. Sci. USA</u> 90:9036-9040 (1993)
<i>grg</i>	BK	Olah, et al., "A Model Structure of the Muscle Protein Complex 4Ca2+ TroponinC Troponin I Derived From Small-Angle Scattering Data: Implications for Regulation," <u>Biochem.</u> 33:12800-12806 (1994)
<i>grg</i>	BL	Olah, et al., "Troponin I Encompasses and Extended Troponin C in the Ca2+- Bound Complex: A Small- Angle X-ray and Neutron Scattering Study," <u>Biochem.</u> 33:8233-8239 (1994)
<i>grg</i>	BM	Pearlstone, et al., "Effects of Troponin-I Plus-C on the Binding of Troponin -T and its Fragments to Tropomyosin," <u>J. Biol. Chem.</u> 258:2534-2542 (1983)
<i>grg</i>	BN	Pearlstone, et al., "The interaction of rabbit skeletal muscle troponin-T fragments with troponin-I," <u>Can. M. Biochem. Cell. Biol.</u> 63:212-218 (1985)
<i>grg</i>	BO	Pluskal, et al., "Immunobilon PVDF Transfer Membrane: A new Membrane Substrate for Western Blotting of Proteins," <u>BioTechniques</u> 4:272-283 (1986)

EXAMINER:

Bailey B. Dohel

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		PATENT & TRADEMARK OFFICE	JCT 103
878	BP	Potter, "Preparation of Troponin and Its Subunits," <u>Methods in Enzymology</u> 85:241-263 (1982)	
878	BQ	Sai-Ming Ngai, et al., "Biologically Important Interactions between Synthetic Peptides of the N-Terminal Region of Troponin I and Troponin C*," <u>J. Biol. Chem.</u> 267:15615-15723 (1992)	
878	BR	Schreier, et al., "Cloning, Structural Analysis, and Expression of the Human Slow Twitch Skeletal Muscle/Cardiac Troponin C Gene*," <u>J. Biol. Chem.</u> 265:21247-21253 (1990)	
	BS	Silver, et al., "Modulation of vascular and cardiac contractile protein regulatory mechanisms by calmodulin inhibitors and related compounds," <u>Chemical Abstracts</u> 105:72-73 at abstract no. 108490k (1986)	
	BT	Steiner, et al., "The interaction of melittin with troponin C," <u>Chemical Abstracts</u> 107:263 at abstract No. 196471 (1987)	
878	BU	Stull, et al., "Phosphorylation of Cardiac Troponin by Cyclic Adenosine 3':5'-Monophosphate-dependent Protein Kinase*," <u>J. Biol. Chem.</u> 252:851-857 (1977)	
878	BV	Townsend, et al., "Human Cardiac Troponin T: Identification of Fetal Isoforms and Assignment of the TNNT2 Locus to Chromosome 1q," <u>Genomics</u> 221:311-316 (1994)	
878	BW	Vallins, et al., "Molecular cloning of human cardiac troponin I using Polymerase chain reaction," <u>FEBS Letters</u> 270:57-61 (1990)	
878	BX	Wilkinson, et al., "Comparison of amino acid sequence of troponin I from different striated muscles," <u>Nature</u> 271:31-35 (1978)	
878	BY	Wu, et al., "Creatine Kinase MB Isoforms in Patients with Skeletal Muscle Injury: Ramifications for Early Detection of Acute Myocardial Infarction," <u>Clin. Chem.</u> 38:2396-2400 (1992)	
878	BZ	Zabel, et al., "Analysis of Creatine Kinase, CK-MB, Myoglobin, and Troponin T Time-Activity Curves for Early Assessment of Coronary Artery Reperfusion After Intravenous Thrombosis," <u>Circulation</u> 87:1542-1550 (1993)	
878	CA	Zot, et al., "Structural Aspects of Troponin-Tropomyosin Regulation of Skeletal Muscle Contraction," <u>Am. Rev. Biophys. Chem.</u> 16:535-559 (1987)	

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Janice B. Oehl

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